National Agricultural Statistics Service
Michigan Field Office
Michigan Department of Agriculture

Michigan Crop-Weather

MI-CW2506 David D. Kleweno, Director June 26, 2006

Varied Precipitation

Five days were suitable for fieldwork during the week ending June 25, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.13 inches in the southwest Lower Peninsula to 1.88 inches in the southeast Lower Peninsula. Average temperatures ranged from normal in the northwest, west central, and east central Lower Peninsula to 2 degrees above normal in the eastern Upper Peninsula and central Lower Peninsula. Rainfall was varied across the State. A farmer in the northwest mentioned that, "On June 18, we received 1.2 inches of rain and 0.7 inches on June 21. We are seeing crop growth spurts that we have not seen in 3 years because of the dry weather in this time frame." A farmer in the south central said that, "Five inches of rain this past week has changed how the crops look. Corn and soybeans are progressing well. Hay and pastures are growing extremely well."

Field Crops

Showers across the State helped plant growth. **Corn** development varied by soil conditions and planting times. Color has improved in most fields, with improved growing conditions. Some spraying and nitrogen application was done. Some spraying was also done on **soybeans**. Growth was variable, but improving. First cuttings of **hay** were completed in some areas. Second cuttings were growing quickly where there was ample rain. Potato leafhoppers continued to be reported in many areas. W**heat** continued turning. Heavy winds have blown down portions of some fields, but little lasting damage was reported. Most **oats** have headed. **Dry bean** planting was finishing up. **Sugarbeet** top growth continued.

Fruit

June drop continued in **apples** in the southern regions. Fruit were sizing well across the State and were over an inch in diameter in the west central. Fireblight symptoms have been minimal. Obliquebanded leafroller trap catch numbers increased. **Peach** thinning continued. Fruit exceeded one inch in diameter in the west central, where the crop load was very good. Red Havens in the southeast were 1.25 to 1.5 inches. Red Haven harvest in the southwest was predicted to begin about August 2. The second generation of Oriental fruit moths emerged there. **Plum** growers were advised to protect against black knot in the southwest, where the crop appeared average. Plum curculio damage was noted in the west central. **Tart cherries** sized well and were turning red in the south. Ethrel application began in anticipation of harvest. Cherry leaf spot symptoms were noted in the northwest. **Sweet cherry** harvest began in the southwest and southeast. Fruit gained size and color in the west central, where New York numbered varieties were already ripe. Fruit clusters in **grapes** in the southwest were at shatter, and clusters on secondary shoots were blooming. Grape berry moth numbers were high. Some growers were deciding whether they will harvest the freeze-diminished crop. Viniferas in the northwest began blooming. Cluster numbers and size looked good. Disease pressure remained low. **Strawberry** harvest ended in the southwest where fruit size and quality were good. Harvest continued in the southeast. Early **blueberry** varieties began coloring in most areas. Limited harvesting will begin this week in the southwest. Growers in the west central were expecting a large crop with few disease and insect problems.

Vegetables

Vegetable crops progressed well throughout the State. Harvest continued for tunnel grown **summer squash** and **zucchini.** Harvest of non-tunnel grown fields will begin soon. **Cucumbers** continued to progress with adequate moisture and warm conditions. There were some reports of cucumber beetles. **Carrot** plants continued to look good although there were some reports of stunted root systems. Harvest of **celery** hearts started. **Cabbage** harvest was in full swing. **Snap beans** continued to look good. **Onions** on muck ground look excellent. **Pumpkin** plants were ready to begin tipping in many fields. **Potatoes** were in full bloom. **Sweet corn** was progressing with some reports of tasseling. **Tomato** and **pepper** crops progressed well with stakes being placed in many fields.

Soil moisture for week ending 06/25/06

Stratum	Very short	Short	Adequate	Surplus
	Percent	*Percent*	*Percent*	*Percent*
Topsoil	3	19	60	18
Subsoil	3	16	66	15

Crop condition for week ending 06/25/06

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	*Percent*	*Percent*	*Percent*	*Percent*
All Hay	1	4	26	50	19
Barley	0	15	32	49	4
Corn	2	8	24	57	9
Oats	0	4	17	62	17
Pasture	2	8	32	46	12
Soybeans	1	7	28	53	11
Winter Wheat	1	5	21	55	18

Crop progress for week ending 06/25/06

Crop	This week	Last week	Last year	5-year average
	Inches	*Inches*	*Inches*	*Inches*
Corn, height	20	12	19	15
	Percent	*Percent*	*Percent*	*Percent*
All hay, first cutting	86	76	81	70
All hay, second cutting	5	NA	NA	NA
Dry beans, planted	97	81	89	86
Dry beans, emerged	80	18	41	44
Oats, headed	74	50	74	49
Soybeans, emerged	99	91	100	93
Strawberries, harvested	45	10	74	67
Winter wheat, turning yellow	60	14	55	38

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Michigan Weather Summary for Week Ending 06/25/06 [1]

Station	Temperature			Cumulative growing degree days [2]			Precipitation					
											Normal	
	Maximum	Minimum	Departure from normal	2006	2005	Normal	This week	Last two weeks	Last four weeks	Since April 1	Since April 1	For month
Ironwood	85	41		788	783		0.25	0.74	1.64	7.49		
Marquette	85	38		706	715		0.35	0.57	1.71	9.36		
Stephenson	84	38		819	832		0.00	0.00	0.90	6.34		
Western UP	87	38	1	752	747	598	0.26	0.68	1.61	7.46	8.61	3.61
Cornell	82	40		729	702		0.36	0.67	1.21	7.55		
Sault St Marie	77	43		683	653		0.05	0.26	0.28	4.59		
Eastern UP	86	29	2	678	654	462	0.24	0.40	1.28	7.00	7.92	3.26
Beulah	78	44		836	893		1.00	1.43	2.35	8.44		
Lake City	78	43		815	836		1.32	1.77	3.07	11.97		
Old Mission	78	45		798	821		0.09	0.52	1.44	6.22		
Pellston	79	36		825	823		0.07	0.36	0.61	6.16		
Northwest	79	36	0	783	818	703	0.50	0.96	2.27	8.45	7.71	3.03
Alpena	83	41		807	746		0.14	0.62	1.22	6.27		
Houghton Lake	80	41		858	848		0.56	1.36	1.76	7.65		
Rogers City	81	42		833	766		0.37	0.96	1.62	7.12		
Northeast	83	37	1	842	818	668	0.49	1.09	1.68	7.44	7.64	2.90
Fremont	79	49		922	975		0.56	0.91	2.53	9.63		
Hart	79	47		834	921		0.58	2.55	4.75	11.09		
Muskegon	79	54		878	957		0.32	0.58	1.96	8.89		
West Central	80	44	0	871	938	791	0.49	1.49	2.80	9.47	8.23	2.94
Alma	82	48		980	963		0.74	0.93	2.68	9.49		
Big Rapids	82	48		975	918		0.74	0.74	2.47	8.50		
Central	82	48	2	968	939	844	0.75	0.88	2.57	9.10	8.59	3.36
Bad Axe	85	44		880	861		0.50	0.97	2.67	6.98		
Pigeon	84	44		901	849		0.51	0.82	1.52	7.44		
Saginaw	84	47		920	897		0.40	0.59	1.66	9.14		
Standish	84	44		886	836		1.11	1.25	2.18	10.96		
East Central	85	43	0	879	873	821	0.86	1.18	2.35	8.36	7.73	3.08
Fennville	82	49		860	988		0.05	0.15	1.57	8.44		
Grand Rapids	83	54		993	1,016		0.08	0.24	2.97	8.82		
Holland	84	53		951	1,016		0.06	0.15	0.57	4.44		
South Bend, IN	90	51		1,031	1,106		0.26	1.43	2.79	9.68		
Watervliet	85	51		977	1,048		0.15	0.40	1.67	6.80		
Southwest	90	47	1	965	1,035	905	0.13	0.33	1.37	6.69	9.32	3.55
Belding	81	48		941	951		0.74	0.79	1.92	7.80		
Coldwater	83	51		980	972		1.22	1.71	2.90	7.73		
Lansing	84	51		977	1,012		0.71	1.03	1.65	8.15		
South Central	87	48	1	976	1,007	907	1.08	1.38	2.52	7.80	9.01	3.57
Detroit	84	56		1,086	1,047		1.22	1.37	3.13	10.44		
Flint	84	47		947	959		1.83	2.88	3.03	10.51		
Romeo	84	49		1,007	920		1.57	2.16	2.70	9.17		
Tipton	84	52		994	1,008		2.52	2.52	4.46	10.51		
Toledo, OH	86	52		1,097	1,070		3.52	3.83	4.58	12.07		
Southeast	88	46	1	1,013	1,003	873	1.88	2.24	2.98	9.84	8.82	3.36

[1] Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

[2] Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.

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